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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|-----------------------------|------------------|
| 09/874,089 | 06/05/2001 | Jianming Zhang | JP9-2000-0190 (8728-521) | 6207 |
| 46069 | 7590 | 07/13/2005 | EXAMINER | |
| F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797 | | | PEREZ, JULIO R | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2681 | |

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|-------------------------------|-----------------------------|--|
| Office Action Summary | Application No. 09/874,089 | Applicant(s) ZHANG ET AL | |
| | Examiner Julio R. Perez | Art Unit 2681 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 March 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5, 7-21 and 23-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 9-21 and 23-25 is/are allowed.
- 6) ☒ Claim(s) 1-5, 7 and 8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5, 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lohtia (6560456) in view of Sladek et al. (6718178).

Regarding claim 1, Lohtia discloses a short message interfacing device for receiving/sending short messages from/to outside of the short message service gateway (col. 4, lines 22-25, 55-55, 66-67; col. 5, lines 1-5; col. 7, lines 16-24, the user may use his handset, which uses as message interface the network medium conformed by the wireless infrastructure network components and components and equipment: base station controllers, BTS, antennas, HLR, and VLR, which are connected to the MSC as shown on Fig. 3); a short message service engine (col. 3, lines 22-25; col. 6, lines 66-67; col. 7, lines 1-15, 24-42, the WWIS gateway serves as an agent or tool to accept information requests from HLRs, SCPs, and SMSCs, and further, assembles requested information from databases and other service application providers or via the Internet or from local Distributed WWIS information database), in response to a request for information service included in a short message received by the short message

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interfacing device, for requesting the information service from at least one application server and receiving result of the information service (col. 6, lines 66-67; col. 7, lines 1-5, 17-28; col. 9, lines 4-49; Figs. 2, 3, 4, the distributed is able to request and receive information from content providers via the Internet or directly via dedicated circuit, HTTP, IIOP, or TCP/IP), and then sending the result of the information service back to the short message interfacing device in a form of short message (col. 5, lines 65-67; col. 6, lines 1-5, 36-52, 66-67; col. 7, lines 1-5, 17-28; col. 9, lines 4-49; Figs. 2, 3, 4, information gathered from the content providers, secondary content providers, or personal information servers, is transmitted back to the user's handset through the SMS or Micro browser server and formatted as short messages).

Lohtia fails to explicitly disclose an apparatus-administrating device, for administrating a plurality types of mobile telephones based on an apparatus profile.

In a similar field of endeavor, Sladek discloses a call processing entity to generate and send informational message to a specified destination, which comprises a HLR entity for managing the profile of the wireless telephone users, wherein the HLR and the VLR are typically incorporated within a MSC and perform the function of managing, administering, a group of mobile stations (col. 4, lines 1-28; col. 11, lines 35-67; col. 12, lines 1-19; Figs. 1-3).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Lohtia with the teachings of Sladek for the purpose of having an entity that would efficiently manage the group of mobile stations in accordance to their profiles.

Regarding claim 2, the combination of Keskitalo and Petry discloses, the short message interfacing device is a short message daemon communicating with at least one short message apparatus (col. 4, lines 51-67; col. 5, lines 1-5; col. 7, lines 1-42; Figs. 3-4, the system comprises of a subsystem which manages the connection of requested information to via the SMSC; that is, the subsystem including the MSC, controllers, BTS's and Global SCP conform to a sub server, which runs processes and perform functions required by other processes).

Regarding claim 3, the combination of Keskitalo and Petry discloses, characterized in that the short message interfacing device is a short message center interface communicating with at least one short message center (col. 4, lines 51-67; col. 5, lines 1-5; col. 7, lines 1-42; Figs. 3-4, the system comprises a message centers and service gateways that include user profiles and content providers databases).

Regarding claim 4, the combination of Keskitalo and Petry discloses, a short message center administrating device, for administrating a plurality of short message centers based on a short message center profile (col. 2, lines 37-40; col.7, line 28-36; col. 8, lines 29-42; Fig. 3, the system includes a subsystem to manage control of server systems based on subscribers' profile).

Regarding claim 5, the combination of Keskitalo and Petry discloses a user-administrating device, for administrating a plurality of users based on a user profile (col. 2, lines 37-48, Fig. 3, the system includes management of subscribers' profile).

Regarding claim 7, the combination of Keskitalo and Petry discloses an application-administrating device, for administrating a plurality of application servers

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based on an application profile (col. 2, lines 37-40; col.7, line 28-36; col. 8, lines 29-42; Fig. 3, the WWIS gateway manages a great number of content providers).

Regarding claim 8, the combination of Keskitalo and Petry discloses the short message service engine, based on items of information service for which a user has subscribed, requests the information service from at least one application server and receives the result of the information service, and then sends the result of the information service back to the short message interfacing device in a form of short message (col. 3, lines 22-25; col. 6, lines 66-67; col. 7, lines 1-42; col. 9, lines 4-49; Figs. 2, 3, 4).

Allowable Subject Matter

Claims 9-21, 23-25, are allowed.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Julio R. Perez whose telephone number is (571) 272-7846. The examiner can normally be reached on 7:00 - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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